ABSTRACT

The present system allows disparate secure applications to communicate directly with one another in a heterogeneous application environment by providing for the creation of tokens that can be passed between the applications without human intervention. Security information is passed between applications in the form of a token with a string data type. Since a string is a primitive data type, it can be recognized by a large number of applications and interfaces. The token has no header and therefore no application-specific header configuration, making it platform and technology independent. This eliminates the need for conversion of security information between different formats. The use of tokens also eliminates the need for an application to be authenticated and authorized every time it sends a message to another application. Instead of a permanent context or session, a context is created with every invocation from one application to another.